



NO: RD-HALO/PBL:TG100-TR04N2
 DATE: 2005/09/15- I(REV:A1)

10/100 BASE-T SMT TRANSFORMER

MODEL NO.: HA-082

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

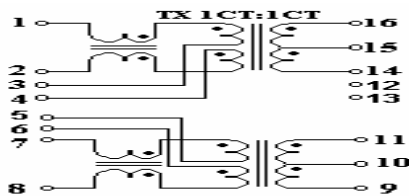
Specifications @ 25

Operating temp. : -40 ~ +85

OCL : 350uH Min @100Khz , 100mV 8mA(16-14 , 11-9)

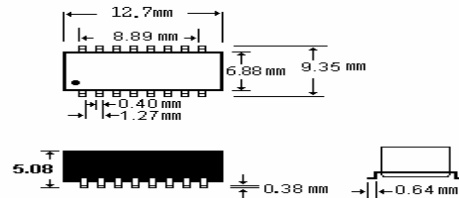
Part Number	Turns Ratio (±3%)	LL (uH MAX)	Cww (pF MAX)	DCRΩ (MAX)		Insertion Loss (dB MIN)	Cross Talk (dB MIN)	Return Loss (dB MIN)				Common Mode Rejection (dBtyp)	HITOP (VAC)
				16-14 11-9	1-2, 7-8 short 3-4,5-6			0.5 to 30 MHz	40 MHz	50 MHz	60 to 80 MHz		
HA-082	1CT::1CT 1CT::1CT	0.40	20	0.9	1.8	-1.1	-35	-18	-15.5	-13.6	-12	0.1 to 100 MHz	1500

SCHEMATICS:

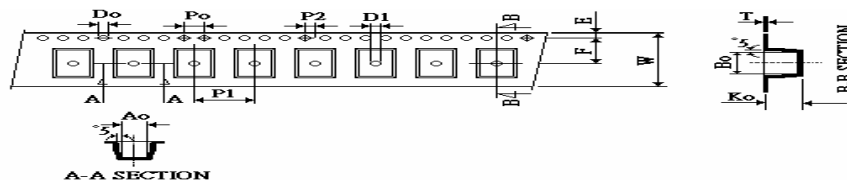


DIMENSION: mm

TOLERANCE: ±0.25



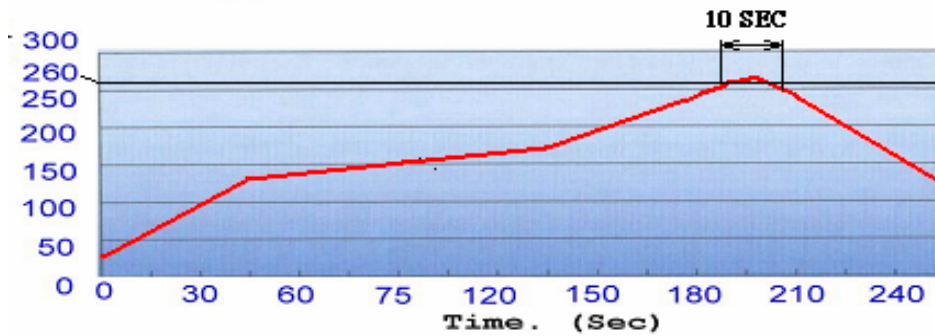
Packing :



DIMENSION	W	P1	PO	E	F	AO	BO	Aot
SPEC.	24.0	16.0	4.0	1.75	11.5	10.0	13.2	0.08
	+/- 0.30	0.10	0.10	0.10	0.10	0.10	0.10	(MIN)
DIMENSION	KO	P2	Do	D1	10Po	T	K1	Bot
SPEC.	6.80	2.0	1.55	1.5	40.0	0.40	6.15	0.08
	+/- 0.10	0.10	0.05	(MIN)	0.20	0.10	0.10	(MIN)

Tape & reel.....600/reel
 Tube.....39/tab

MODEL NO.: HA-082 Profile of IR Reflow (Lead Free)



PACKING

1. Tape & Reel : 600pcs / Reel , 3000pcs / Carton
2. Dry Pack : 1pcs
Product Description:(5g Silica Gel Desiccant)
PH: 4-8
Package Materials: Paper(Length 6.5±1cm , Width 5±1cm)
3. Reel Packed By Vacuum
4. Seal Per Jedec

